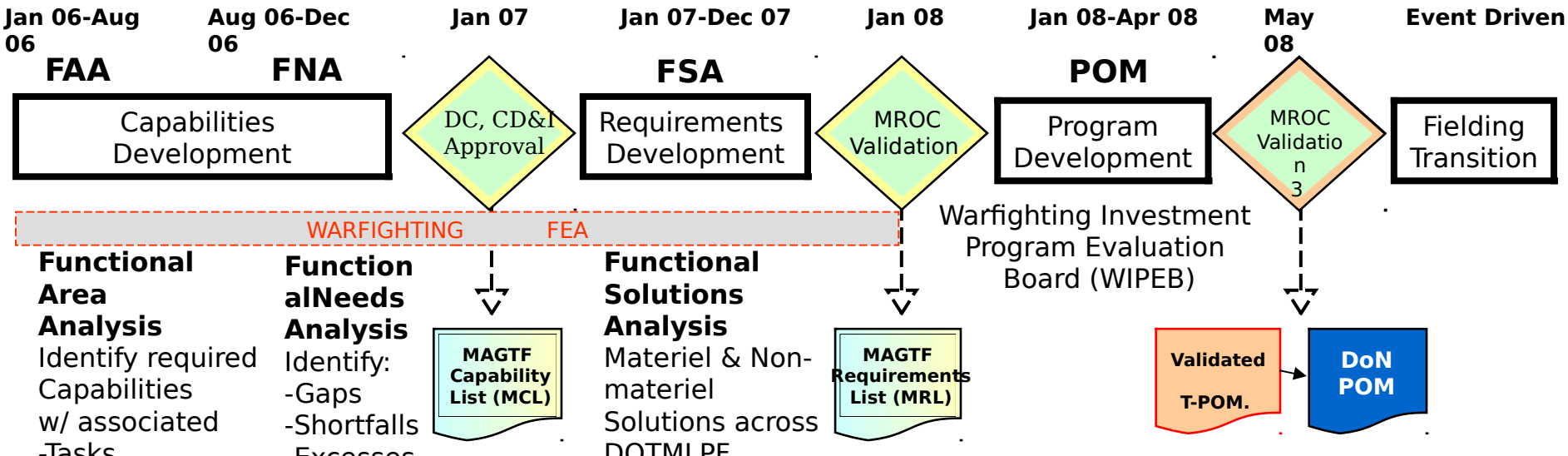
FIRES AND MANEUVER INTEGRATION DIVISION DOTMLPF WORKING GROUP

26 February – 2 March 2007

Mr. Jim Ogershok
MAGTF Integration Division

POM-10 EXPEDITIONARY FORCE DEVELOPMENT SYSTEM (EFDS)



Functional Area Analysis
Identify required Capabilities w/ associated
-Tasks
-Conditions
-Standards

FunctionalNeeds Analysis
Identify:
-Gaps
-Shortfalls
-Excesses

Functional Solutions Analysis
Materiel & Non-materiel Solutions across DOTMLPF

MAGTF Capabilities List (MCL)

- Prioritized list of capability gaps by Warfighting Function.

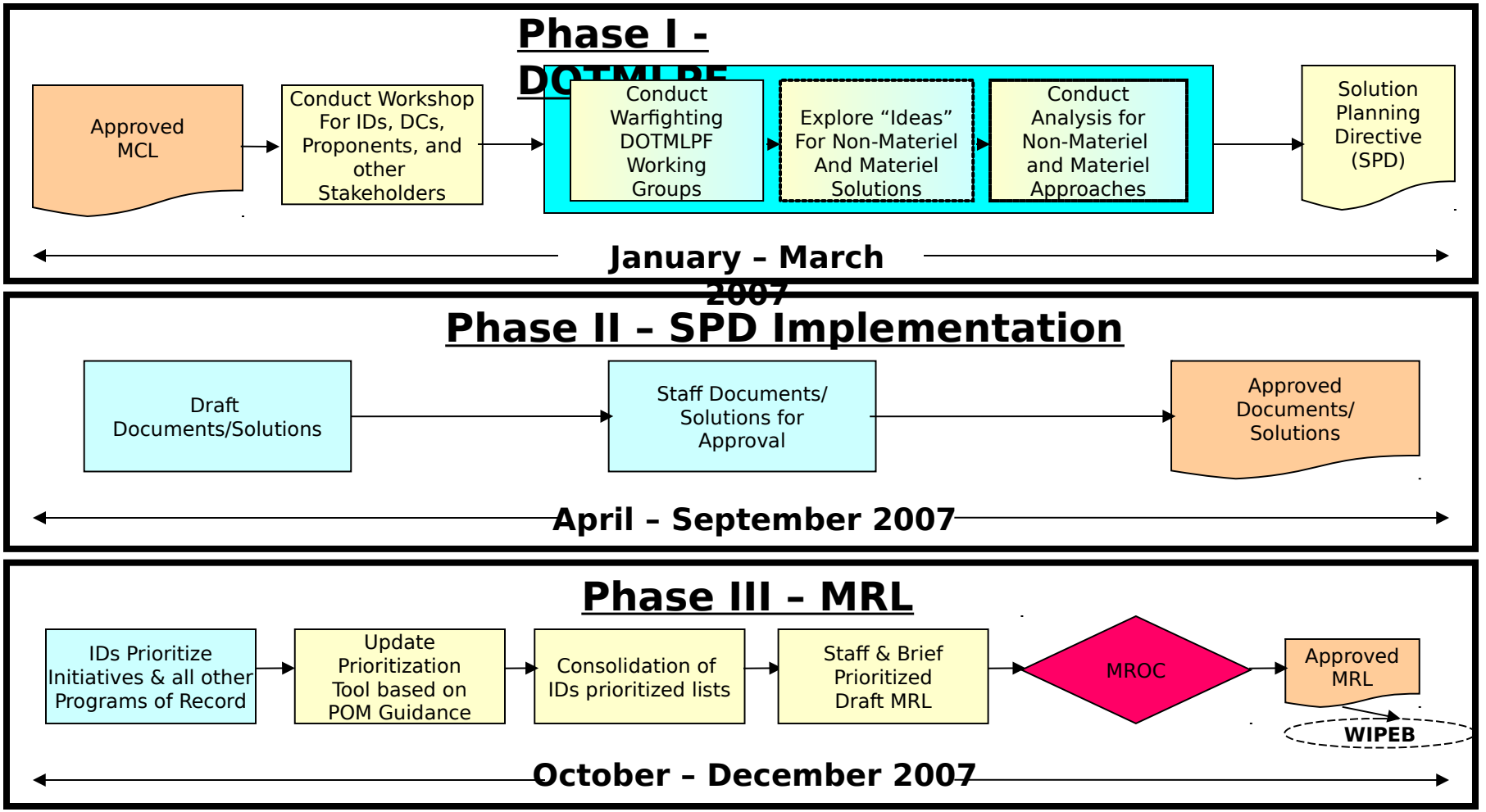
MAGTF Requirements List (MRL)

- Integrated/Prioritized, and fiscally informed requirements list.
- Derived from MCL.
- Materiel / non-materiel alternatives identified.
- Used to identify POM impact year warfighting requirements to compete for funding.

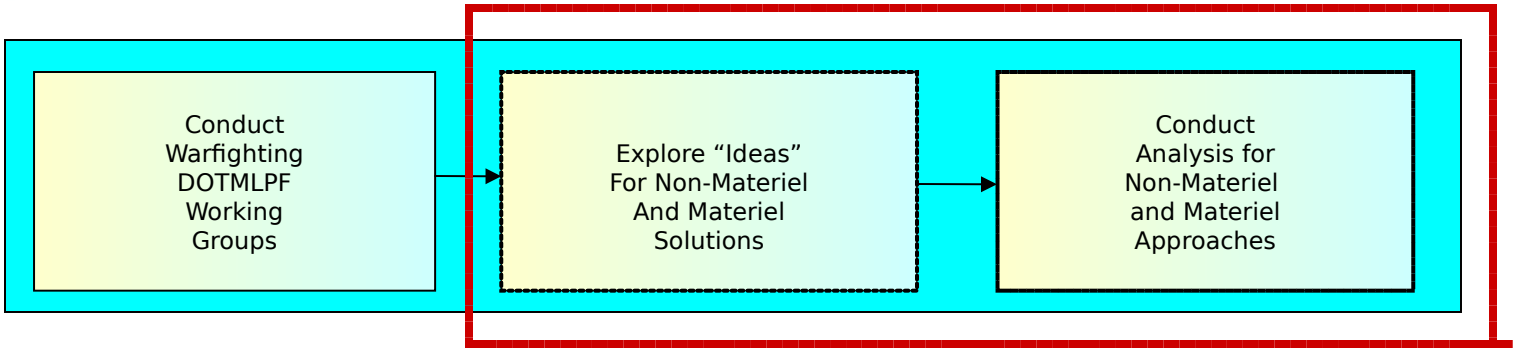
Nov 08 -Jan 09
Tentative POM

- CMC approves
- Navy and Marine Corps T-POMs are combined into the DoN POM and submitted to SECDEF.

Functional Solution Analysis (FSA)


Phase I - DOTMLPF
Approved MCL
Conduct Workshop For IDs, DCs, Proponents, and other Stakeholders
Conduct Warfighting DOTMLPF Working Groups
Explore "Ideas" For Non-Materiel And Materiel Solutions
Conduct Analysis for Non-Materiel and Materiel Approaches
Solution Planning Directive (SPD)
January – March 2007
Phase II – SPD Implementation
Draft Documents/Solutions
Staff Documents/ Solutions for Approval
Approved Documents/ Solutions
April – September 2007
Phase III – MRL
IDs Prioritize Initiatives & all other Programs of Record
Update Prioritization Tool based on POM Guidance
Consolidation of IDs prioritized lists
Staff & Brief Prioritized Draft MRL
MROC
Approved MRL
WIPEB
October – December 2007

Ideas for Non-Materiel and Materiel Solutions


Conduct Warfighting DOTMLPF Working Groups
Explore "Ideas" For Non-Materiel And Materiel Solutions
Conduct Analysis for Non-Materiel and Materiel Approaches

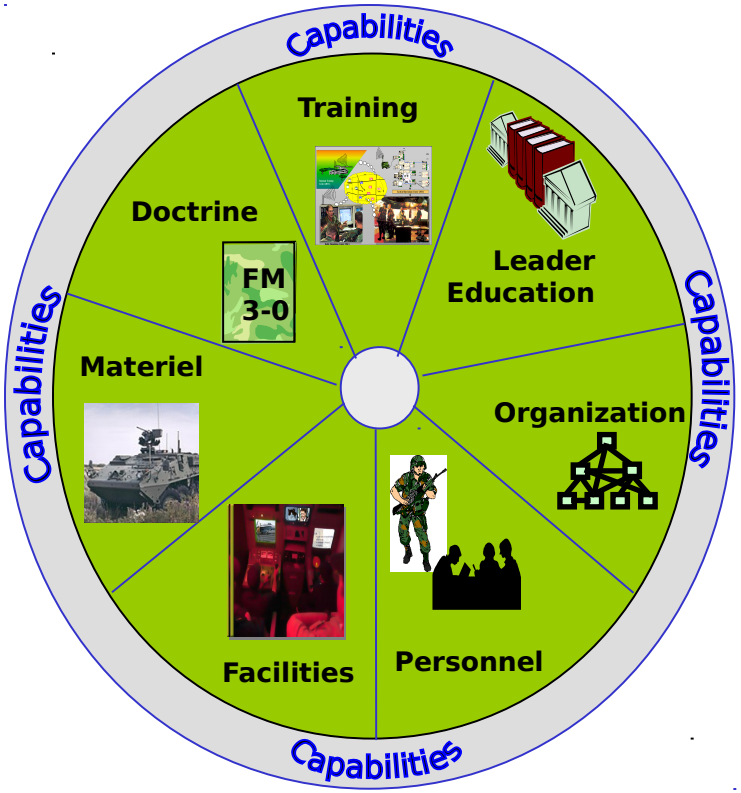
- Purpose of the DOTMLPF Working Group is to perform a review of potential non-materiel and materiel solutions for the gaps as identified and approved in the Functional Needs Analysis (FNA).
- Non-materiel solutions are highly preferable to materiel solutions due to the lower cost and faster implementation time than typical materiel solutions.
- The assessment work relies primarily on professional military judgment. The source for the input and execution of the analysis remains the experts who augment the core members of the DWG.
- We'll work methodically through each of the non-materiel pillars.

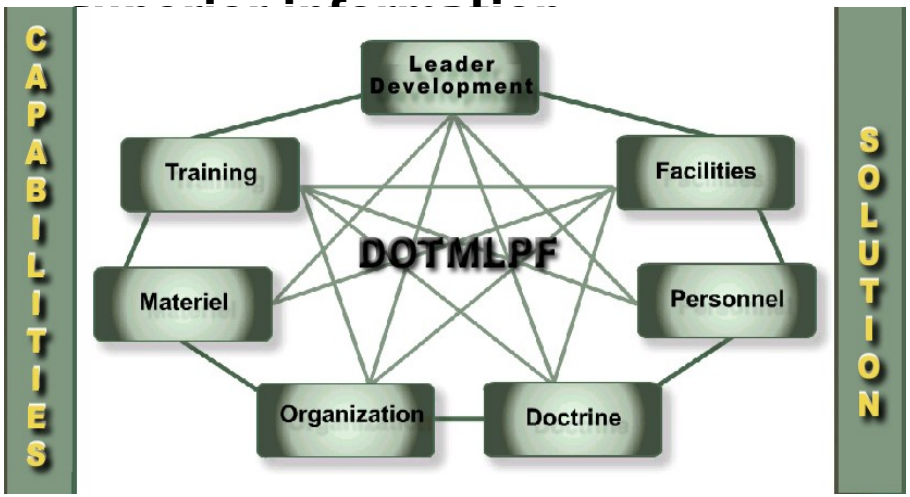
DOTMLPF and Capability

A Warfighting capability provides means to accomplish a mission or task decisively

Warfighting capability is embodied in

- *organizations* **of well-***trained Marines*
- **with superior** *equipment*
- **employing sound** *doctrine*
- **led by competent and confident** *leaders* **who understand their organizations' potential and are empowered in combat by**





DOTMLPF Analysis

Doctrine

- **Is there existing doctrine that addresses the issue or relates to the issue? Joint? Service? Agency?**

- **Are there operating procedures in place that are NOT being followed which contribute to the issue?**

- **If no doctrine or procedures are in place which pertain to the issue, does new doctrine or new procedures need to be developed and implemented which provide either a complete or partial solution to the issue?**

DOTMLPF Analysis

Organization

- **Where is the problem occurring? What organizations is the problem occurring in?**
- **What is the mission/management focus of those organizations?**
  - **Primary and secondary missions**
- **What are the organizational values and priorities?**
- **Is the organization properly staffed and funded to deal with the issue?**
- **Are commanding officers/senior management aware of the issues?**
- **Is the issue already in some type of organizational issue list (CC IPL)?**
- **If so, why isn't the issue being resolved?**
- **Who exactly is aware of/impacted by the issue?**

DOTMLPF Analysis

Training

- **Is the issue caused, at least in part, by a complete lack of or inadequate training?**
- **Does training exist which addresses the issue?**
- **Is the training being delivered effectively?**
- **Is the issue caused by a lack of competency or proficiency on existing systems and equipment?**
- **Do personnel affected by the issue have access to training?**
- **Is training properly staffed and funded?**

DOTMLPF Analysis

Materiel

- **Is the issue caused, at least in part, by inadequate systems or equipment?**

- **What current systems are in the Family-of-Systems where the problem is occurring?**

- **What functionality would a new system provide that currently does *not* exist?**

- **Is the issue caused by a lack of competency or proficiency on existing systems and equipment?**

- **Who would be the primary and secondary users of the proposed systems or equipment?**

DOTMLPF Analysis

Leadership & Education

- **Is the issue caused, at least in part, by inability or decreased ability to cooperate/coordinate/ communicate with external organizations?**

- **Do the senior officers understand the scope of the problem?**

- **Does the command have resources at its disposal to correct the issue?**

- **Has the command properly assessed the level of criticality, threat, urgency, risk, etc., of the operational results of the issue?**

- **Is senior leadership aware of the drivers and barriers to resolving the issue within their organization?**

- **Does the issue affect CC or JTFs in conducting Joint**

DOTMLPF Analysis

Personnel

- **Is the issue caused, at least in part, by inability or decreased ability to place qualified and trained personnel in occupational specialties?**

- **If issue resolution is likely to involve new materiel, systems, or equipment, are different occupational specialty codes needed to properly staff new systems?**
  - **Primary users**
  - **Maintenance personnel**
  - **Support personnel**

- **Do new training programs need to be developed for newly recruited personnel?**

DOTMLPF Analysis

Facilities

- Is the issue caused, at least in part, by inadequate infrastructure?
- If so, was issue a result of
  - Aging/wear?
  - New engineering did not meet needs?
  - Battle damage/threat?
- Was issue caused by lack of proper environmental controls?
- Was issue caused, at least in part, by inadequate
  - Roads/trails?
  - Main supply routes?
  - Force beddown?
  - Facilities operation and maintenance?
  - Hardening?
  - Field fortification support?

Ideas for Materiel Approaches

If materiel development *is* the answer, the next FSA step simply provides potential materiel solutions:

- **Functional SMEs from the MC develop ideas for non-system specific materiel approaches which consider:**
  - **Range of military operations, conditions set by concepts and architectures**
  - **Changes in quantity of existing equipment**
  - **Product improvements to existing materiel**
  - **The acquisition of other service, interagency, or foreign military approaches**

- **Result: A list of materiel approaches based on technical maturity, timeliness of delivery, potential for full capability.**

DOTMLPF Assessment Guide for ID Gap

	RESPONSIBLE AGENCY	NON-MATERIEL	MATERIEL
POA&M	MID (FEA Branch Lead)	Develop SPD	
DOCTRINE	DC, CD (Doctrine) (MID Lead)		
ORGANIZATION	DC, CD (TFSD) (TFSD Lead)		
TRAINING	DC, CD (TECOM) (TECOM Lead)		
LEADERSHIP	ADVOCATE		
PERSONNEL	DC, M&RA (M&RA Lead)		
FACILITIES	DC, I&L (LF Lead)		
MATERIEL	CDD (IDs Lead)		
CONCEPT OF EMPLOYMENT			

Analysis of Materiel / Non-Materiel Approaches (AMA)

An analysis of materiel and non-materiel approaches (or combination of):

- Determines how well proposed approaches:
  - address capability gaps
  - provide the desired effects

- Is based on technical maturity, technical risk, supportability, affordability

Solution Planning Directive (SPD)

- **Documents DOTMLPF "requirements" so that they can be approved, tasked, and tracked.**

- **Signed by DC, CD&I**

  - **Explains the FSA process that led up to the DWG solutions**

  - **References the CDIB approval to proceed with the required documentation**

  - **Describes DC, CD&I's intent that the solutions become the basis for WIPEB**

- **Enclosures will contain the prioritized GAPS and schedule to proceed with the documentation, coordination, and staffing by warfighting function.**

TAKE AWAYS

- **Start with #1 gap identified in FMID's MCL.**
- **Solution sets will be determined before moving to the next gap.**
- **Work methodically through DOTmLPF.**
- **New materiel solution is least preferred.**
- **If solution is new materiel, what are the impacts on other pillars?**
- **SPD will be developed based upon the above work.**

FMID DWG Agenda
(26 Feb – 02 Mar 07)

GAP#	TIME	DATE	BRIEFER	FM FUNCTION
	0730-0830	**26-Feb**	**Ogershok / O'Connor**	**Admin / Procedural Brief / DO Brief**
2	**0830-1030**	**26-Feb**	**Maj McMichael**	**Assault Support**
3	**1030-1230**	**26-Feb**	**CWO-4 Nebel**	**Target Acquisition**
1	**1330-1530**	**26-Feb**	**LtCol Mullin**	**Unmanned Aircraft systems**
4	**1530-1730**	**26-Feb**	**CWO-4 Nebel**	**Counter fire Targeting**
5	**0800-1000**	**27-Feb**	**CWO-4 Nebel**	**Fire Support Coordination**
6	**1000-1200**	**27-Feb**	**Maj Clapp**	**Information Operations**
7	**1300-1500**	**27-Feb**	**Maj Christmas**	**Personal Equipment**

Change 1

FMID DWG Agenda
(26 Feb – 02 Mar 07)

GAP#	TIME	DATE	BRIEFER	FM FUNCTION
8	**1500-1700**	**27-Feb**	**Maj Christmas**	**Small Arms, Crew Served**
9	**0800-1000**	**28-Feb**	**LtCol Koch**	**Mobility/ Counter Mobility**
10	**1000-1200**	**28-Feb**	**LtCol Lagore**	**Rockets/ Artillery**
11	**1300-1500**	**28-Feb**	**Maj Beckett**	**Riverine/ Special Ops**
12	**1500-1700**	**28-Feb**	**CWO-2 Smith**	**Public Affairs**
13/16	**0800-1000**	**1-Mar**	**Maj Schoolfield**	**Offensive Air Support** **Offensive Anti-Air Warfare**
14	**1000-1200**	**1- Mar**	**Maj Clapp**	**Electronic Warfare**
15	**1300-1500**	**1-Mar**	**LtCol Montgomery**	**Civil Affairs**
	0800-00	**2-Mar**		**SPD Development (Core only)**

Change 1

CAPABILITIES DEVELOPMENT
DIRECTORATE
UT MILITEM CONFIRMEMUS

QUESTIONS?